

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. – 11. (Canceled)

12. (Currently Amended) A fire-retardant composition, comprising, by weight, based on 100 parts weight total:

50 to 75 parts of a blend of a component (A) comprising a polyamide and a component (B) comprising at least one polyolefin homopolymer of: a homopolymer or copolymer of alpha-olefins and/or diolefins, a metallocene polyethylene, a copolymer of ethylene with a salt or ester of an unsaturated carboxylic acid or a vinyl ester of a saturated carboxylic acid, or one of the above polymers functionalized with an acid, anhydride or epoxy functional group, or one of the above polymers grafted with maleic anhydride or glycidyl methacrylate, the above polymers optionally being crosslinked, and

25 to 50 parts of a blend comprising:

0.1 to 48.8 parts of a halogen-free fire retardant,
0.1 to 30 parts of a phosphorus-containing plasticizer, and
0.1 to 10 parts of a zeolite.

13. (Currently Amended) A composition according to Claim 12 comprising, by weight, based on 100 parts weight total:

55 to 75 parts of a blend of a component (A) comprising a polyamide and a component (B) comprising at least one polyolefin homopolymer of: a homopolymer or copolymer of alpha-olefins and/or diolefins, a metallocene polyethylene, a copolymer of ethylene with a salt or ester of an unsaturated carboxylic acid or a vinyl ester of a saturated carboxylic acid, or one of the above polymers functionalized with an acid, anhydride or epoxy functional group, or one of the above polymers grafted with maleic anhydride or glycidyl methacrylate, the above polymers optionally being crosslinked, and

25 to 45 parts of a blend comprising:

0.1 to 25 parts of a halogen-free fire retardant,

0.1 to 15 parts of a phosphorus-containing plasticizer, and
0.1 to 5 parts of a zeolite.

14. (Currently Amended) A composition according to Claim 12 comprising, by weight, based on 100 parts weight total:

55 to 75 parts of a blend of a component (A) comprising a polyamide and a component (B) comprising at least one polyolefin homopolymer or a homopolymer or copolymer of alpha-olefins and/or diolefins, a metallocene polyethylene, a copolymer of ethylene with a salt or ester of an unsaturated carboxylic acid or a vinyl ester of a saturated carboxylic acid, or one of the above polymers functionalized with an acid, anhydride or epoxy functional group, or one of the above polymers grafted with maleic anhydride or glycidyl methacrylate, the above polymers optionally being crosslinked, and

25 to 45 parts of a blend comprising:

16 to 25 parts of a halogen-free fire retardant,

8 to 15 parts of a phosphorus-containing plasticizer, and

1 to 5 parts of a zeolite.

15. (Previously presented) A composition according to Claim 12, in which component (B) comprises: (i) a high-density polyethylene, and (ii) a blend of a polyethylene (C1) and a polymer (C2) selected from the group consisting of: elastomers, very low-density polyethylenes and ethylene copolymers, the (C1) + (C2) blend being cografted with an unsaturated carboxylic acid.

16. (Previously presented) A composition according to Claim 12, in which component (B) comprises: (i) a high-density polyethylene, (ii) a polymer (C2) selected from the group consisting of: elastomers, very low-density polyethylenes and ethylene copolymers, (C2) being grafted by an unsaturated carboxylic acid, and (iii) a polymer (C'2) selected from the group consisting of: elastomers, very low-density polyethylenes and ethylene copolymers.

17. (Previously presented) A composition according to Claim 12, in which component (B) comprises: (i) polypropylene and (ii) a polyolefin which results from the

reaction of a polyamide (C4) with a copolymer (C3) comprising propylene and an unsaturated monomer X, grafted or copolymerized.

18. (Previously presented) A composition according to Claim 12, in which component (B) comprises: (i) a linear low density polyethylene, a very low density polyethylene, or a metallocene polyethylene and (ii) an ethylene/alkyl (meth)acrylate/maleic anhydride copolymer or an ethylene/vinyl acetate copolymer.

19. (Previously presented) A composition according to Claim 12, in which component (B) comprises two functionalized polymers comprising at least 50 mol% of ethylene units and able to react to form a crosslinked phase.

20. (Previously presented) A composition according to Claim 12, in which the fire retardant is selected from the group consisting of: ammonium phosphates, pyrophosphates, polyphosphates, melamine phosphates, melamine phosphite, piperazine phosphite, piperazine diphosphite, guanazole phosphate, melamine pyrophosphate and piperazine pyrophosphate.

21. (Previously presented) A composition according to Claim 12, in which the phosphorus-containing plasticizer is selected from the group consisting of: isopropylphenyl phosphate, diphenyl phosphate and triphenyl phosphate.

22. (Previously presented) A composition according to Claim 12, in which the zeolite is selected from the group consisting of: zeolites of the 3A, 4A, 5A, 10X and 13X type.

23. (Previously presented) A composition according to Claim 13, in which component (B) comprises: (i) a high-density polyethylene, and (ii) a blend of a polyethylene (C1) and a polymer (C2) selected from the group consisting of: elastomers, very low-density polyethylenes and ethylene copolymers, the (C1) + (C2) blend being cografted with an unsaturated carboxylic acid.

24. (Previously presented) A composition according to Claim 13, in which component (B) comprises: (i) a high-density polyethylene, (ii) a polymer (C2) selected from the group consisting of: elastomers, very low-density polyethylenes and ethylene copolymers, (C2) being grafted by an unsaturated carboxylic acid, and (iii) a polymer (C'2) selected from the group consisting of: elastomers, very low-density polyethylenes and ethylene copolymers.

25. (Previously presented) A composition according to Claim 13, in which component (B) comprises: (i) polypropylene and (ii) a polyolefin which results from the reaction of a polyamide (C4) with a copolymer (C3) comprising propylene and an unsaturated monomer X, grafted or copolymerized.

26. (Previously presented) A composition according to Claim 13, in which component (B) comprises: (i) a linear low density polyethylene, a very low density polyethylene, or a metallocene polyethylene and (ii) an ethylene/alkyl (meth)acrylate/maleic anhydride copolymer or an ethylene/vinyl acetate copolymer.

27. (Previously presented) A composition according to Claim 13, in which component (B) comprises two functionalized polymers comprising at least 50 mol% of ethylene units and able to react to form a crosslinked phase.

28. (Previously presented) A composition according to Claim 13, in which the fire retardant is selected from the group consisting of: ammonium phosphates, pyrophosphates, polyphosphates, melamine phosphates, melamine phosphite, piperazine phosphite, piperazine diphosphite, guanazole phosphate, melamine pyrophosphate and piperazine pyrophosphate.

29. (Previously presented) A composition according to Claim 13, in which the phosphorus-containing plasticizer is selected from the group consisting of: isopropylphenyl phosphate, diphenyl phosphate and triphenyl phosphate.

30. (Previously presented) A composition according to Claim 13, in which the zeolite is selected from the group consisting of: zeolites of the 3A, 4A, 5A, 10X and 13X type.

31. (Previously presented) A composition according to Claim 14, in which the fire retardant is selected from the group consisting of: ammonium phosphates, pyrophosphates, polyphosphates, melamine phosphates, melamine phosphite, piperazine phosphite, piperazine diphosphite, guanazole phosphate, melamine pyrophosphate and piperazine pyrophosphate.